

Substitute for form 1449B/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/810,064
(use as many sheets as necessary) <i>J.C. 09</i>		Filing Date	March 26, 2004
		First Named Inventor	West, Bradley S.
		Art Unit	2877
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	021751-001720US
Sheet	1	of	1

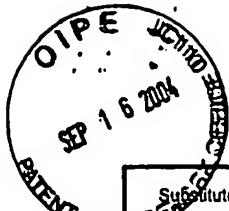
AUG 30 2004

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AGY	1	AGRAWALA et al., Efficient image-based methods for rendering soft shadows, Computer Graphics, (<i>SIGGRAPH 2000 Proceedings</i>) pages 375-384.	-
AGY	2	CHANG et al., LDI tree: a hierarchical representation for image-based rendering, Computer Graphics (<i>SIGGRAPH 99 Proceedings</i>) pages 291-298.	-
AGY	3	HECKBERT, Survey of texture mapping. <i>IEEE Computer Graphics and Applications</i> , 6(11):56-67, November 1986.	-
AGY	4	KAJIYA et al., Rendering fur with three dimensional textures. In <i>Computer Graphics (SIGGRAPH '89 Proceedings)</i> , volume 23, pages 271-280, July 1989	-
AGY	5	KAJIYA et al., Ray tracing volume densities. In <i>Computer Graphics (SIGGRAPH '84 Proceedings)</i> , volume 18, pages 165-174, July 1984.	-
AGY	6	KEATING et al., Shadow penumbras for complex objects by depth-dependent filtering of multi-layer depth images. In <i>Eurographics Rendering Workshop 1999</i> , pages 205-220, New York, June 1999. Springer-Verlag.	-
AGY	7	LEVOY, <i>Display of Surfaces from Volume Data</i> . Ph.D. thesis, University of North Carolina at Chapel Hill, 1989.	-
AGY	8	LEVOY et al., Light Field Rendering, Computer Graphics (<i>SIGGRAPH '96 Proceedings</i>) pages 31-42	-
AGY	9	MAX, Hierarchical rendering of trees from precomputed multi-layer Z-buffers. In <i>Eurographics Rendering Workshop 1996</i> , pages 165-174, New York, June 1996	-
AGY	10	SHADE et al., Layered depth images. In <i>SIGGRAPH 98 Proceedings</i> , pages 231-242. Addison Wesley, July 1998.	-
AGY	11	SOLER et al., Fast calculation of soft shadow textures using convolution, Computer Graphics (<i>SIGGRAPH 98 Proceedings</i>) pages 321-322.	-
AGY	12	WILLIAMS, Casting curved shadows on curved surfaces. <i>Computer Graphics (SIGGRAPH '78 Proceedings)</i> , 12(3):270-274, August 1978.	-
AGY	13	WILLIAMS, Pyramidal parametrics. <i>Computer Graphics (SIGGRAPH '83 Proceedings)</i> , 17(3):1-11, July 1983	-
AGY	14	WOO et al., A survey of shadow algorithms. <i>IEEE Computer Graphics and Applications</i> , 10(6):13-32, November 1990.	-

Examiner Signature	<i>AGY</i>	Date Considered	3/20/06
--------------------	------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete If Known

Application Number	10/810,064
Filing Date	March 26, 2004
First Named Inventor	West, Bradley S.
Art Unit	2877
Examiner Name	Not Yet Assigned
Attorney Docket Number	021751-001720US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AGY	1	LOKOVIC et al., Deep Shadow Maps. In Proceedings of SIGGRAPH 2000, Computer Graphics Proceedings, Annual Conference Series, pages 385– 392, 2000. K. Akeley, editor, http://graphics.stanford.edu/papers/deepshadows , printed 9/1/04.	

Examiner Signature		Date Considered	3/20/06
--------------------	--	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A&B/P.T.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

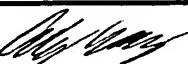
Complete If Known

Application Number	10/810,064
Filing Date	March 25, 2004
First Named Inventor	West, Bradley S.
Art Unit	2877
Examiner Name	Unassigned
Attorney Docket Number	021751-001720US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AGY	1	5,959,731	09-28-1999	Jones	—
AGY	2	6,016,150	01-18-2000	Lengyel et al.	—
AGY	3	6,252,608 B1	06-26-2001	Snyder et al.	—
AGY	4	6,342,887 B1	01-29-2002	Munroe	—

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)		
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature		Date Considered	3/20/06
--------------------	---	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



4

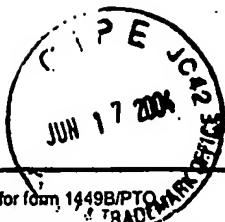
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		Complete If Known	
		Application Number	10/810,064
		Filing Date	March 26, 2004
		First Named Inventor	West, Bradley S.
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet	1	of	2
		Attorney Docket Number	
		021751-001720US	

U.S. PATENT DOCUMENTS+

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	3/20/06
--------------------	---	-----------------	---------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
60234252 v1.



Substitute for form 1449B/PTO TRADEMARKS		<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/810,064
		Filing Date	March 26, 2004
		First Named Inventor	West, Bradley S.
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet	2	of	2
		Attorney Docket Number	
		021751-001720US	

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	<i>John Lang</i>	Date Considered	3/20/06
-----------------------	------------------	--------------------	---------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.